BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
	9778		
	39112		
	9778		
	978		
	14483		
	74129		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

BR-76/29-5-15

Serial No. 1st and final Bill

Name of Work Irrp and Asphalting to Dhanalakshmi To Layout Roads in 249907

Name of Contractor of nature of Agency R. Madhusudan Contractor, Ward No.-09 of

Date of commencement of work D.O. Recordp. 20/05/2015 Vijayapura Sub-Division

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Estimated Cost	Rs. 20.00 Lakhs					
	JOB. No	: 009-15-000005					
	Work order No	: EE/BTP/BBMP/E-pm/07 (14238) WO/2014-15 Dt. 8.01.15					
	(1) Earth Work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto 0.300 m, excavated surface levelled and sides neatly dressed, the disposed						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Earth to be levelled neatly after breaking clods etc complete as per specifications and direction of Engineer-in-charge of the work.						
			Qty vide this MB. P 249972			38359.00	
			Ref no (1): 512.55 sq.m @ 74.84 1/2				
2)	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified material, and stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregate with						
			Qty vide this MB. P 249974			126778.00	
			Ref no (1): 1544.00 sq.m @ 82.11 1/2				

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
3)	Providing and laying, spr... aggregate in wet mix... providing the material... mix plant conveying ... laying in uniform lay... course on well pre... vibratory Roller to... Complete as per spe...	

in-charge of the Work

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
		breaking clods and direction of	
		le this MB. P 249972	38359.00
		): 512.55 sq.m @ 24.84 ₹/-	
		layer upto 75 mm surface, prior rocky of old serviceable quential spreading	
		le this MB. P 249974	126778.00
		⑤: 1544.00 sq.m @ 82.11 ₹/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249908

Serial No. ..... From ..... To .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
3)	Providing and laying, spreading and compacting graded stone aggregate in wet mix macadam specifications including providing the material with water at OMC in mechanical mix plant carriage, mixed material by tipper lorries, laying in uniform layers, with pavers in sub-base, base course on well prepared surface and compacting with vibratory Rollers to achieve the desired density etc Complete as per specifications and directions of Engineer in-charge of the work.						

th	Contents 7	Reference to last Measurement 8
-	124.50 x 2	
-	109.50	
-	99.00	
-	121.60	
	2994.49 x 2	
	2450.00 x 2	
	12.00/12	29596.00
	of medium	
	y/m2	
	stone work	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249911

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	bituminous tarlawar filled with spray set including cost of all material, labour, hire of machinery etc complete as per specifications & directions of Engineer-in-charge of the Work.						
	Chg as pe- IT NO (4) = 2450 m2 @ 73.77/m2						180737.00
b)	Providing & laying semi dense bituminous concrete 25mm thick with 100 - 120 TRH bates type hmp producing an						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	average output of 75 t per hr using crushed aggregate of specified grading, premixed with bitumen binder at 4.5 to 5% of mineral filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibrating, and tandem Rollers to achieve the desired compaction as per morth specifications Clause no. 500. & complete in all respects as per specifications. With hot/mix grade bitumen, all complete as per specifications and directions of Engineer-In charge of the work.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Depressions filling a) 1st cross-Roll b) 2nd cross-Roll c) 3rd cross-Roll d) 4th cross-Roll e) water-table-Roll	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
rushed, aggregate		
mmoth binder		
g the hot mix		
finisher Dist		
and alignment		
tandem Rolle		
ork specifically		
specifically.		
prospectively		
Locate.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 249912
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Depressions filling						
	a) 1st cross-Rd	1	10.50	2.50	0.025	0.66	
		1	9.50	2.40	0.025	0.57	
		1	11.50	2.70	0.025	0.74	
	b) 2nd cross-Rd	1	12.50	3.50	0.025	1.09	
		1	8.20	2.80	0.025	0.57	
	c) - 3rd cRoss - Rd	1	9.80	2.90	0.025	0.71	
		1	8.40	3.10	0.025	0.65	
	d) - 4th cRoss - Rd	1	16.30	3.50	0.025	1.43	
		1	20.60	2.80	0.025	1.44	
	e) - water-table - Rd	1	10.90	2.50	0.025	0.68	
		1	15.10	2.60	0.025	0.98	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for - Asphalting				Avg		
	a) Dhanolami layout - 1st cross	1	30.00	$\frac{5.4+4.0}{2}$	0.025	3.534	
	(0.00 to 167.90 mts)	1	30.00	$\frac{4.0+4.3}{2}$	0.025	3.08	
		1	30.00	$\frac{4.2+4.1}{2}$	0.025	3.11	
		1	30.00	$\frac{4.1+4.0}{2}$	0.025	3.04	
		1	30.00	$\frac{4.0+4.1}{2}$	0.025	3.04	
	b) - 2nd cross - Road	1	17.90	$\frac{4.1+3.6}{2}$	0.025	1.72	
	(Ch. 0.00 to 162.10 mts)	1	30.00	$\frac{6.2+4.1}{2}$	0.025	3.90	
		1	30.00	$\frac{4.4+4.55}{2}$	0.025	3.34	
		1	30.00	$\frac{4.55+3.9}{2}$	0.025	3.17	

C & EC
28/5/15

M. A.
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
		1
		1
		1
	c) - 3rd cross - Road	
	(0.00 to 167.40 mts)	1
		1
		1
		1

Contents	Reference to last Measurement
7	8
3.534	
3.08	
3.11	
3.04	
3.04	
1.32	
3.90	C&FC
3.34	28/5/15
3.17	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249913

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(C) - 3rd CROSS-ROAD (0.00 to 167.40 M)	1	30.00	$\frac{3.9+3.7}{2}$	0.025	2.87	C&FC 28/5/15
		1	30.00	$\frac{3.75+4.3}{2}$	0.025	3.02	
		1	12.10	$\frac{4.3+4.5}{2}$	0.025	1.35	
		1	30.00	$\frac{3.9+4.2}{2}$	0.025	3.04	
		1	30.00	$\frac{4.2+4.2}{2}$	0.025	3.15	
		1	30.00	$\frac{4.2+3.8}{2}$	0.025	3.00	
		1	30.00	$\frac{3.8+4.2}{2}$	0.025	3.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	17.40	$\frac{3.9+4.0}{2}$	0.025	= 1.72	
	d) 4th Cross-Road (Ch. 0.0 m to 183.40 m)	1	30.00	$\frac{5.0+4.7}{2}$	0.025	3.64	
		1	30.00	$\frac{4.7+4.3}{2}$	0.025	3.38	
		1	30.00	$\frac{4.3+3.8}{2}$	0.025	3.04	
		1	30.00	$\frac{3.8+4.1}{2}$	0.025	3.00	
		1	30.00	$\frac{4.1+4.0}{2}$	0.025	3.03	
		1	33.00	$\frac{4.0+4.1}{2}$	0.025	3.33	
	e) 8mtr-Road Water tank Road-5mtr	1	30.00	$\frac{4.3+4.0}{2}$	0.025	3.19	

C & EC

28/5/15

P.O. (WO. 2)

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	7) filling pot holes and pate 40mm. ICSRRB-M.

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
1.0	0.025	= 1.72	
0	0.025	3.64	
1.3	0.025	3.38	
2.8	0.025	3.04	
4.6	0.025	3.10	
4.0	0.025	3.23	
	0.025	3.23	
	0.025	3.19	

C & EC

28/5/15

E.E. (WP.2)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249914

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	$\frac{4.0+4.3}{2}$	0.025	2.74	
		1	30.00	$\frac{3.3+3.3}{2}$	0.025	2.48	
		1	32.00	$\frac{3.3+4.3}{2}$	0.025	3.04	
						92.784	
					L+16	92.784	10,09,680.00
					C	10959.30	
7)	filling pot holes and patch repairs with bituminous Concrete 40mm. ICSRRB-M-3000.5, Removal of all loose						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	material, trimming of completed excavation to provide true vertical faces, cleaning surface, painting with tack coat on the sides and base of excavation as per clause 502-3, base filling the pot hole with bituminous material as per clause 502.4, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause etc complete as per specifications and directions of engineer-in-charge of the work.						
	Obstacle this M.B.P.						
	Total				= 243.00 m³		103146
					= 424.47 m²		

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
8)	Lead for Disposal of rater by mechanical [illegible] Complete as per specifi In-charge of the work. etc
①	certificate → certified that the contra done satisfactorily.
14	The Contractor has remov

fm. sale

OK

Depth 6	Contents 7	Reference to last Measurement 8
provide strong, tackle consist of one Sno-3, material as finishing the ore, all as and directed		
m B.P. - 243.00 m3 @ 424.47/m3		103146 m

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249915

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

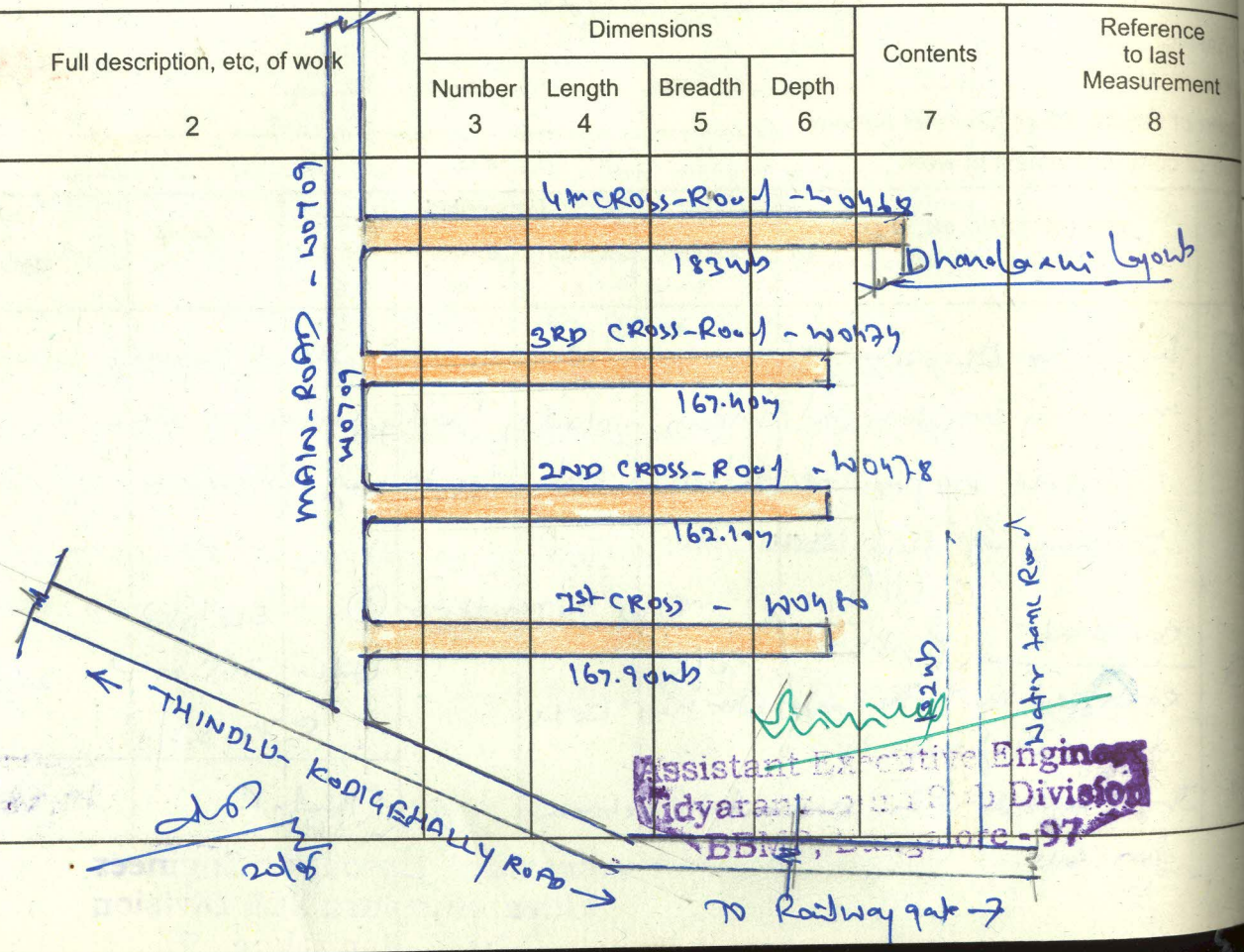
Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
8)	Lead for Disposal of debris shall be payable to Conveyance by mechanical means including loading, unloading etc Complete as per specifications and direction of Engineer-In-charge of the work.						
	certificate				Qty as per Sl. No. ①	512.50 m3	
①	certified that the contractor has work done satisfactorily.					Add - 365.00 m3	26583.00 m
						@ 72.83/m3	
19	The contractor has removed the debris					Total - R	19,38,066.00

fm. Sd

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

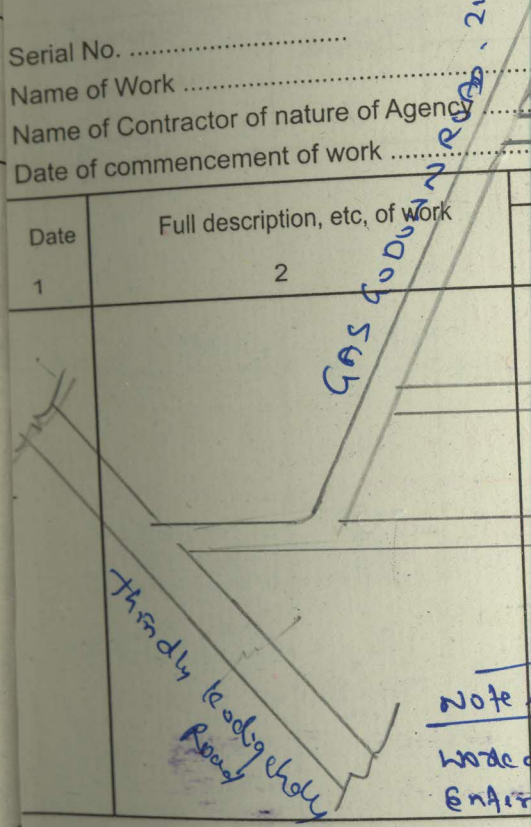
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2



OOK

Depth 6	Contents 7	Reference to last Measurement 8
		Dhanalakshmi Layout
		WO#79
		WO#78
		WO#76
		2nd Main
		Water tank Road
		Railway gate →

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249916

Serial No. .....
Name of Work ..... From 5th Cross To 5th Cross
Name of Contractor or nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	SIR MV Layout						
	2ND - CR						
	Sampige - Road						Note
	do						
	20 Feet						
	Note: Wide line details Existing Road Hishy						
	P.No. 48						

GAS GODOWN ROAD - 2nd main

Thindlu loading shed Road

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOO

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Audited & Admitted for Rs 15,58066= 18,11,085=00 and Rs 146981=00					IT — 19581 VAT — 78323 WC — 19581 CBT — 1958 Roy — 27538 Total — 146981=00	

Serial No. 2nd and final Bill
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Name of Works Estimated cost Rs DR.no Work order no